

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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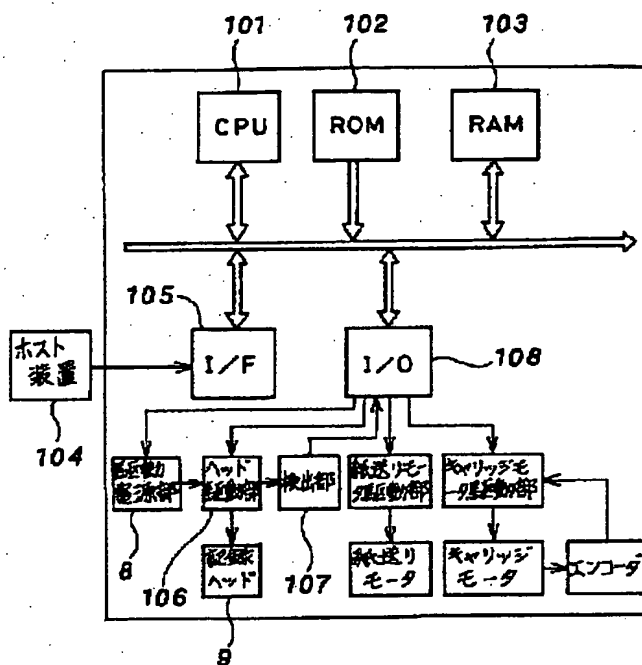
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TITLE : INK JET RECORDER



ABSTRACT : PURPOSE: To prevent printing quality from deteriorating by a method wherein an influence of stray capacity of a driving circuit is reduced in a multinozzle on demand type ink jet recording head.

CONSTITUTION: A detection part detects the number of piezoelectric elements which are driven simultaneously from a printing signal given a head driving part according to a printing command. A CPU 101 detects a detected result of the detection part via an I/O part 108. When alteration of driving voltage is required, transistors Tr2, Tr3, Tr4 of a standard voltage setting part of the driving power source part are selectively turned on to change standard voltage. Output voltage of the driving power source part is varied, and driving of a piezoelectric element is carried out by specific driving voltage.

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